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|---|---|---|---|
| NEWS | 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS | 2 | AUG 15 | CAOLD to be discontinued on December 31, 2008 |
| NEWS | 3 | OCT 07 | EPFULL enhanced with full implementation of EPC2000 |
| NEWS | 4 | OCT 07 | Multiple databases enhanced for more flexible patent number searching |
| NEWS | 5 | OCT 22 | Current-awareness alert (SDI) setup and editing enhanced |
| NEWS | 6 | OCT 22 | WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications |
| NEWS | 7 | OCT 24 | CHEMLIST enhanced with intermediate list of pre-registered REACH substances |
| NEWS | 8 | NOV 21 | CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present |
| NEWS | 9 | NOV 26 | MARPAT enhanced with FSORT command |
| NEWS | 10 | NOV 26 | MEDLINE year-end processing temporarily halts availability of new fully-indexed citations |
| NEWS | 11 | NOV 26 | CHEMSAFE now available on STN Easy |
| NEWS | 12 | NOV 26 | Two new SET commands increase convenience of STN searching |
| NEWS | 13 | DEC 01 | ChemPort single article sales feature unavailable |
| NEWS | 14 | DEC 12 | GBFULL now offers single source for full-text coverage of complete UK patent families |

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

| | |
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| NEWS LOGIN | Welcome Banner and News Items |
| NEWS IPC8 | For general information regarding STN implementation of IPC 8 |

Enter NEWS followed by the item number or name to see news on that specific topic.



* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:10:18 ON 13 DEC 2008

=> fil reg

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 15:10:38 ON 13 DEC 2008


Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 DEC 2008 HIGHEST RN 1083471-57-1
DICTIONARY FILE UPDATES: 12 DEC 2008 HIGHEST RN 1083471-57-1

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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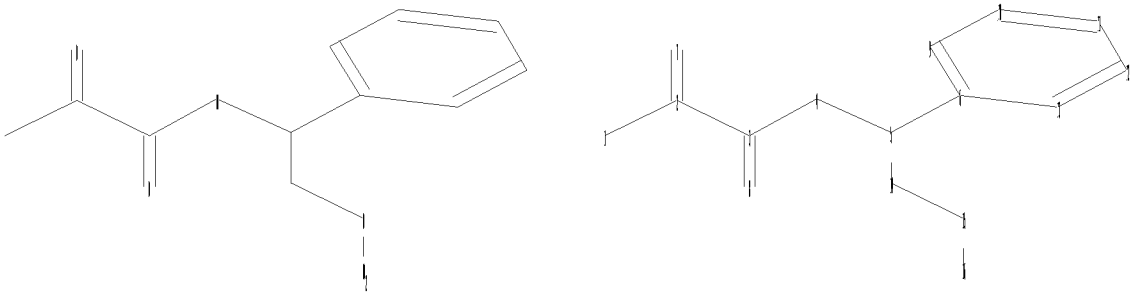
http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\STNEXP\Queries\10581340\elected species.str



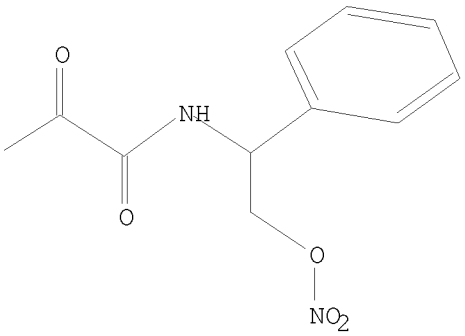
chain nodes :
1 2 3 4 5 7 8 14 15 16
ring nodes :
6 9 10 11 12 13
chain bonds :
1-2 2-3 2-7 3-4 3-8 4-5 5-6 5-14 14-15 15-16
ring bonds :
6-9 6-13 9-10 10-11 11-12 12-13
exact/norm bonds :
2-7 3-4 3-8 4-5 14-15 15-16

exact bonds :
1-2 2-3 5-6 5-14
normalized bonds :
6-9 6-13 9-10 10-11 11-12 12-13

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:CLASS 8:CLASS 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR




Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
FULL SEARCH INITIATED 15:10:58 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 474 TO ITERATE

100.0% PROCESSED 474 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L2 1 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 178.36 178.57

FILE 'CAPLUS' ENTERED AT 15:11:02 ON 13 DEC 2008
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FILE COVERS 1907 - 13 Dec 2008 VOL 149 ISS 25
FILE LAST UPDATED: 12 Dec 2008 (20081212/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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=> s l2
L3 1 L2

=> d ibib abs hitstr

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:588522 CAPLUS
DOCUMENT NUMBER: 143:120530
TITLE: Nitric oxide-releasing pyruvate compounds, compositions and methods for treating cardiovascular and other diseases
INVENTOR(S): Garvey, David S.; Fang, Xinqin; Subhash, Khanapure P.; Ramani, Ranatunga R.; Shiow-Jyi, Wey
PATENT ASSIGNEE(S): Nitromed, Inc., USA
SOURCE: PCT Int. Appl., 82 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2005060603 | A2 | 20050707 | WO 2004-US41069 | 20041210 |
| WO 2005060603 | A3 | 20051201 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2004305016 | A1 | 20050707 | AU 2004-305016 | 20041210 |
| CA 2549412 | A1 | 20050707 | CA 2004-2549412 | 20041210 |
| EP 1692107 | A2 | 20060823 | EP 2004-813393 | 20041210 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS | | | | |
| US 20080287407 | A1 | 20081120 | US 2006-581340 | 20060602 |
| PRIORITY APPLN. INFO.: | | | US 2003-528184P P | 20031210 |
| | | | WO 2004-US41069 W | 20041210 |

OTHER SOURCE(S): MARPAT 143:120530

AB The invention describes novel pyruvate compds. comprising at least one nitric oxide-releasing group and pharmaceutically acceptable salts thereof, and compns. and kits comprising at least one of these pyruvate compds., and, optionally, at least one nitric oxide donor and/or at least one therapeutic agent. The therapeutic agent is, e.g., an aldosterone antagonist, α-adrenoceptor antagonist, an angiotensin II antagonist, an ACE inhibitor, an antidiabetic, an antihyperlipidemic agent, an antioxidant, an antithrombotic, a vasodilator, a β-adrenoceptor antagonist, a calcium channel blocker, a digitalis, a diuretic, etc. The invention also provides methods for treating cardiovascular diseases, renovascular diseases, diabetes, diseases resulting from oxidative stress,

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

endothelial dysfunctions, diseases caused by endothelial dysfunctions, cirrhosis, pre-eclampsia, osteoporosis, nephropathy, reperfusing injury following ischemia, and/or preserving tissues, organs, organ parts and/or limbs using these compns. The nitric oxide releasing group is preferably a nitro group, a nitroso group, and/or a heterocyclic nitric oxide donor group. The heterocyclic nitric oxide donor group is preferably a furoxan, a sydnonimine, an oxatriazole-5-one and/or an oxatriazole-5-imine. Thus, a mixt. of nitrooxy-4-piperidinyl nitrate (1.045 g, 5 mmol) and pyruvic acid (440 mg, 5 mmol) in dichloromethane was treated with triethylamine (0.7 mL). To this soln. was added 1-ethyl-3-(3-dimethylaminopropyl)carbamide hydrochloride (EDAC) (960 mg, 5 mmol) followed by dimethylaminopyridine (DMAP, 610 mg, 5 mmol). The resulting soln. was then stirred under nitrogen atm. at room temp. overnight. The reaction mixt. was dild. with dichloromethane and washed with water, brine, dried over sodium sulfate, filtered, and the solvent was evapd. at reduced pressure. The product was purified by column chromatog. to give 1-[4-(nitrooxy)piperidyl]propane-1,2-dione (470 mg, 44% yield) as a colorless thick oil.

IT 857464-14-3P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of nitric oxide-releasing pyruvate compds. and compns. for treating cardiovascular and other diseases)

RN 857464-14-3 CAPLUS
CN Propanamide, N-[(1S)-2-(nitrooxy)-1-phenylethyl]-2-oxo- (CA INDEX NAME)

Absolute stereochemistry.